



OIPE

RAW SEQUENCE LISTING

DATE: 05/07/2002

PATENT APPLICATION: US/09/943,531A

TIME: 13:20:28

Input Set : D:\52459-20020.txt

Output Set: N:\CRF3\05072002\I943531A.raw

ENTERED

4 <110> APPLICANT: Sequenom, Inc.
5 Risinger, Karl
6 Andersson, Maria K.
7 Lewander, Tommy
8 Olaisson, Erik
10 <120> TITLE OF INVENTION: DETECTION OF CYP2C19 POLYMORPHISMS
13 <130> FILE REFERENCE: 52459-20020.00
15 <140> CURRENT APPLICATION NUMBER: US 09/943,531A
16 <141> CURRENT FILING DATE: 2001-08-30
18 <150> PRIOR APPLICATION NUMBER: GB 0021286.0
19 <151> PRIOR FILING DATE: 2000-08-30
21 <160> NUMBER OF SEQ ID NOS: 38
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 1239
27 <212> TYPE: DNA
28 <213> ORGANISM: Homo sapiens
30 <400> SEQUENCE: 1
31 aaaatcaata taaagcagcc atgtctggag gagaccagga ggtcaagaag ccttagtttc 60
32 tcaagccctt agcaccaaat tctctgagat cagctcttcc ttcagttaca ctgagcggtt 120
33 cccctctgca gtgatggaga agggagaact cttatttttt ctcatgagca tctctggggc 180
34 tgttttcctt agataaataa gtggttctat ttaatgtgaa gcctgtttta tgaacaggat 240
35 gaatgtggtt tatattcaga ataactaakg tttggaagtt gttttgtttt gctaaaacaa 300
36 agtttttagca aacgattttt tttttcaaat ttgtgtcttc tgttctcaaa gyatctctga 360
37 tgtaagagat aatgcgccac gatgggcac agaacacctc agctcaaadc ccagttctgc 420
38 cagctatgag ctgtgtggca ccaacaggtg tctgttcttc ccagggtctc ccttttccca 480
39 tttgaaatat aaaaaataac aattcctgcc ttcacgtgtt tttttagggg gttaaattgt 540
40 aaagggtgtt atatctgcta aggttaattta cttgatatat gtttggttat tgaagatata 600
41 tgagttatgt tagctatttc atgttttaggc tgctgtattt ttagtaggct atattaaata 660
42 gaggatttca ttataaagga caaagtctcc taatcttcga tataggattg acatactttt 720
43 taaatataca aggcatagaa tatggccatt tccgttaaata cataaattcc caactgggta 780
44 ttaatctaag aattcagaat tttaagtaat tgtttttgca tcagattgtt tacttcagtg 840
45 ctctcaatta tgacggtgca ttggaaccac ttgggttaac atttttttgt ttttattacc 900
46 aatacctagg ctccaacctt gtacaatgaa accagaatgt acagagtggg cactgggacg 960
47 aaggagaaca agaccaaagg acattttatt tttatctcta tcagtgggtc aaagtccttt 1020
48 cagaaggagc atatagtggg cctaggtgat tggccactty atccatcaaa gaggcacaca 1080
49 cacttaatta gcatggagtg ttataaaaag cttggagtg aagctcacgg ttgtcttaac 1140
50 aagaggagaa ggcttcaatg gatccttttg tggctccttg gctctgtctc tcagtgttgc 1200
51 ttctcctttc aatctggaga cagagctctg ggagaggaa 1239
53 <210> SEQ ID NO: 2
54 <211> LENGTH: 11
55 <212> TYPE: DNA
56 <213> ORGANISM: Artificial Sequence

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58 <220> FEATURE:
59 <223> OTHER INFORMATION: Oligonucleotide of polymorphic site 269
61 <400> SEQUENCE: 2
62 actaatgttt g 11
64 <210> SEQ ID NO: 3
65 <211> LENGTH: 11
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Oligonucleotide of polymorphic site 352
72 <400> SEQUENCE: 3
73 caaagcatct c 11
75 <210> SEQ ID NO: 4
76 <211> LENGTH: 11
77 <212> TYPE: DNA
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Oligonucleotide of polymorphic site 1060
83 <400> SEQUENCE: 4
84 cactttatcc a 11
86 <210> SEQ ID NO: 5
87 <211> LENGTH: 11
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Oligonucleotide of polymorphic site 269
94 <400> SEQUENCE: 5
95 actaaggttt g 11
97 <210> SEQ ID NO: 6
98 <211> LENGTH: 11
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Oligonucleotide of polymorphic site 352
105 <400> SEQUENCE: 6
106 caaagtatct c 11
108 <210> SEQ ID NO: 7
109 <211> LENGTH: 11
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Oligonucleotide of polymorphic site 1060
116 <400> SEQUENCE: 7
117 cacttcatcc a 11
119 <210> SEQ ID NO: 8
120 <211> LENGTH: 22
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:

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125 <223> OTHER INFORMATION: Primer of polymorphic site 269 & 352
127 <400> SEQUENCE: 8
128 caggaggtca agaagcctta gt                                22
130 <210> SEQ ID NO: 9
131 <211> LENGTH: 19
132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Primer of polymorphic site 269 & 352
138 <400> SEQUENCE: 9
139 ccacgtggc gcattatct                                19
141 <210> SEQ ID NO: 10
142 <211> LENGTH: 20
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: Primer of polymorphic site 1060
149 <400> SEQUENCE: 10
150 acggtgcatt ggaaccactt                                20
152 <210> SEQ ID NO: 11
153 <211> LENGTH: 21
154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Primer of polymorphic site 1060
160 <400> SEQUENCE: 11
161 cccagagctc tgtctccaga t                                21
163 <210> SEQ ID NO: 12
164 <211> LENGTH: 17
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: Primer of polymorphic site 1060
171 <400> SEQUENCE: 12
172 agtgggcact gggacga                                17
174 <210> SEQ ID NO: 13
175 <211> LENGTH: 20
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Primer of polymorphic site 1060
182 <400> SEQUENCE: 13
183 gatccattga agccttctcc                                20
185 <210> SEQ ID NO: 14
186 <211> LENGTH: 23
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Primer of polymorphic site 1060

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193 <400> SEQUENCE: 14
194 gtaattgttt ttgcatcaga ttg                                     23
196 <210> SEQ ID NO: 15
197 <211> LENGTH: 23
198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Primer of polymorphic site 1060
204 <400> SEQUENCE: 15
205 tccatgctaa ttaagtgtgt gtg                                     23
207 <210> SEQ ID NO: 16
208 <211> LENGTH: 22
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: Primer of polymorphic site 269 & 352
215 <400> SEQUENCE: 16
216 ctgagatcag ctcttccttc ag                                     22
218 <210> SEQ ID NO: 17
219 <211> LENGTH: 24
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Primer of polymorphic site 269 & 352
226 <400> SEQUENCE: 17
227 aggcaggaat tggtattttt tata                                     24
229 <210> SEQ ID NO: 18
230 <211> LENGTH: 20
231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Primer of polymorphic site 352
237 <400> SEQUENCE: 18
238 tggggctggtt ttccttagat                                     20
240 <210> SEQ ID NO: 19
241 <211> LENGTH: 22
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: Primer of polymorphic site 352
248 <400> SEQUENCE: 19
249 atttaacccc ctaaaaaac ac                                     22
251 <210> SEQ ID NO: 20
252 <211> LENGTH: 11
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: Oligonucleotide of polymorphic site 269
259 <400> SEQUENCE: 20

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260 caaacattag t 11
262 <210> SEQ ID NO: 21
263 <211> LENGTH: 11
264 <212> TYPE: DNA
265 <213> ORGANISM: Artificial Sequence
267 <220> FEATURE:
268 <223> OTHER INFORMATION: Oligonucleotide of polymorphic site 269
270 <400> SEQUENCE: 21
271 caaaccttag t 11
273 <210> SEQ ID NO: 22
274 <211> LENGTH: 11
275 <212> TYPE: DNA
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: Oligonucleotide of polymorphic site 352
281 <400> SEQUENCE: 22
282 gagatgcttt g 11
284 <210> SEQ ID NO: 23
285 <211> LENGTH: 11
286 <212> TYPE: DNA
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: Oligonucleotide of polymorphic site 352
292 <400> SEQUENCE: 23
293 gagatacttt g 11
295 <210> SEQ ID NO: 24
296 <211> LENGTH: 11
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence
300 <220> FEATURE:
301 <223> OTHER INFORMATION: Oligonucleotide of polymorphic site 1060
303 <400> SEQUENCE: 24
304 tggataaagt g 11
306 <210> SEQ ID NO: 25
307 <211> LENGTH: 11
308 <212> TYPE: DNA
309 <213> ORGANISM: Artificial Sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: Oligonucleotide of polymorphic site 1060
314 <400> SEQUENCE: 25
315 tggatgaagt g 11
317 <210> SEQ ID NO: 26
318 <211> LENGTH: 11
319 <212> TYPE: DNA
320 <213> ORGANISM: Artificial Sequence
322 <220> FEATURE:
323 <223> OTHER INFORMATION: Oligonucleotide of polymorphic site 269
325 <400> SEQUENCE: 26
326 tcagaataac t 11

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VERIFICATION SUMMARY

DATE: 05/07/2002

PATENT APPLICATION: US/09/943,531A

TIME: 13:20:29

Input Set : D:\52459-20020.txt

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